

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **John Shanklin, et al.** Group Art Unit: **1652**  
Serial No.: **10/822,370** Examiner: **Tekchand Saidha**  
Filed: **April 12, 2004** Confirmation No.: **2864**  
For: **Mutant Fatty Acid Desaturase and Methods for Directed  
Mutagenesis**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



**RESPONSE LETTER**

Dear Sir:

In response to the Restriction Requirement mailed August 10, 2006, applicants elect Group I, claims 1-17, without traverse.

Respectfully submitted,

Christine L. Brakel, Ph.D  
Patent Agent for Applicants  
Registration No. 45,772

Date: September 7, 2006

Christine L. Brakel, Ph.D  
Patent Agent  
Brookhaven National Laboratory  
P.O. Box 5000  
Bldg. 475D  
Upton, New York 11973-5000  
(631) 344-7134

**CERTIFICATE OF MAILING (37 CFR 1.8a)**

I hereby certify that this paper (along with any papers referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

9/8/06  
Date

Maria Pacella, Office of Intellectual Property and  
Sponsored Research